

ABSTRACT OF THE DISCLOSURE

A robot control unit 42 and an image processing control unit (control unit of the image processing apparatus) 43 are incorporated into a robot controller 40. A camera CM is connected to the image processing control unit 43. A main body 1 of a robot is connected to the robot control unit 42 through an amplifier 41. A portable robot teaching pendant 80 connected to the robot control unit 42 is provided with a monitor display, and functions also as a teaching pendant of the image processing apparatus. Therefore, by using the teaching pendant 80, manipulation of image processing, and issuing of an instruction to a program for processing an image can be performed. Furthermore, an image obtained by a camera CM, and information relevant to the manipulation of the image processing apparatus such as an operation menu, etc. can be displayed on the monitor display. Therefore, an operator can efficiently perform all operations relevant to the robot, the camera, processing an image, etc. while watching a monitor screen.